## List of Figures

Figure 2.1	City of San Diego Source Water System 2010	2-2
Figure 4.1	Population Densities of Unsewered Tracts within the	
J	San Diego River System	4-25
Figure 4.2	Population Densities of Unsewered Tracts within the	
J	Otay-Cottonwood System	4-26
Figure 4.3	Population Densities of Unsewered Tracts within Hodges System	
	List of Tables	
Table 2.1	City of San Diego General Statistics	
Table 2.2	City of San Diego Local and Imported Water Use	
Table 2.3	Climate Data for San Diego	
Table 2.4	30 Year Average Rainfall within Local Source Water System Boundaries	2-5
Table 2.5	City of San Diego Reservoir Historical Average Annual	
	Precipitation and Runoff	2-6
Table 2.6	City of San Diego Reservoir 2006-2010 Average Annual	
	Precipitation and Runoff	2-6
Table 2.7	Local Runoff Uses/Losses	
Table 2.8	Water Storage Statistics	2-7
Table 2.9	City of San Diego Dam and Outlet Structure Statistics	2-10
Table 2.10	City of San Diego Reservoir Statistics	2-10
Table 3.1	Hydrographic Areas within Local Source Water System Boundaries	3-2
Table 3.2	Slopes within Local Source Water System Boundaries	3-8
Table 3.3	Vegetation Categories within Local Source Water System Boundaries	3-15
Table 3.4	Land Ownership within Local Source Water System Boundaries	3-21
Table 3.5	Population within Local Source Water System Boundaries	3-22
Table 4.1	Land Use within Local Source Water System Boundaries	4-1
Table 4.2	Active NPDES Permits within Local Source Water System Boundaries	4-5
Table 4.3	Open Hazardous Disposal Sites and Permitted Underground	
	Storage Tanks within Local Source Water System Boundaries	4-7
Table 4.4	Poultry Ranches within Local Source Water System Boundaries	4-10
Table 4.5	Permitted Dairy Farms within Local Source Water System Boundaries	4-11
Table 4.6	Mines within Local Source Water System Boundaries	4-13
Table 4.7	Environmental Impacts of Untreated Wastewater	4-15
Table 4.8	Permitted Wastewater Treatment Facilities with Permitted Collection	
	Systems within Local Source Water System Boundaries	4-15
Table 4.9	Category 1 Sanitary Sewer Overflows within	
	Local Source Water System Boundaries	4-21
Table 4.10	Agriculture within Local Source Water System Boundaries	4-31

l able 4.11	Permitted Active Grazing Ranges within	
	Local Source Water System Boundaries	4-33
Table 4.12	Permitted Recreational Use on City Owned Property within	
	Local Source Water System Boundaries	4-34
Table 4.13	Reported Fires within Local Source Water System Boundaries	4-37
Table 5.1	City of San Diego's Public Utilities Department	
	Water Quality Monitoring Frequency	5-2
Table 5.2	General/Physical Water Quality Constituents Review for the	
	Source Waters of the San Diego River System	5-3
Table 5.3	Indicator Organisms and Pathogens Review for the	
	Source Waters of the San Diego River System	5-4
Table 5.4	Nutrients Review for the Source Waters of the San Diego River System	5-6
Table 5.5	Metals Constituents Review for the	
	Source Waters of the San Diego River System	5-7
Table 5.6	Radiological Constituents Review for the	
	Source Waters of the San Diego River System	5-9
Table 5.7	Regulated Organic Constituents Review for the	
	Source Waters of the San Diego River System	5-10
Table 5.8	Unregulated Organic Constituents Review for the	
	Source Waters of the San Diego River System	5-11
Table 5.9	General/Physical Water Quality Constituents Review for	
	Alvarado Water Treatment Plant	5-12
Table 5.10	Indicator Organisms and Pathogens Review for	
	Alvarado Water Treatment Plant	5-14
Table 5.11	Metals Constituents Review for Alvarado Water Treatment Plant	5-15
Table 5.12	Inorganic Constituents Review for Alvarado Water Treatment Plant	5-16
Table 5.13	Radiological Constituents Review for Alvarado Water Treatment Plant	5-17
Table 5.14	Regulated Organic Constituents Review for	
	Alvarado Water Treatment Plant	5-18
Table 5.15	Unregulated Organic Constituents Review for	
	Alvarado Water Treatment Plant	5-19
Table 5.16	General/Physical Water Quality Constituents Review for the	
	Source Waters of the Otay Cottonwood System	5-21
Table 5.17	Indicator Organisms and Pathogens Review for the	
	Source Waters of the Otay Cottonwood System	5-22
Table 5.18	Nutrients Review for the Source Waters of the Otay Cottonwood System	5-23
Table 5.19	Metals Constituents Review for the	
	Source Waters of the Otay Cottonwood System	5-24
Table 5.20	Radiological Constituents Review for the	
	Source Waters of the Otay Cottonwood System	5-25

Table 5.21	Regulated Organic Constituents Review for the	
	Source Waters of the Otay Cottonwood System	5-26
Table 5.22	Unregulated Organic Constituents Review for the	
	Source Waters of the Otay Cottonwood System	5-27
Table 5.23	General/Physical Water Quality Constituents Review for	
	Otay Water Treatment Plant	5-28
Table 5.24	Indicator Organisms and Pathogens Review for	
	Otay Water Treatment Plant	5-29
Table 5.25	Metals Constituents Review for Otay Water Treatment Plant	5-30
Table 5.26	Inorganic Constituents Review for Otay Water Treatment Plant	5-31
Table 5.27	Radiological Constituents Review for Otay Water Treatment Plant	5-32
Table 5.28	Regulated Organic Constituents Review for Otay Water Treatment Plan	t 5-34
Table 5.29	Unregulated Organic Constituents Review for	
	Otay Water Treatment Plant	5-35
Table 5.30	General/Physical Water Quality Constituents Review for	
	Miramar Reservoir	5-36
Table 5.31	Indicator Organisms and Pathogens Review for Miramar Reservoir	5-37
Table 5.32	Nutrients Review for Miramar Reservoir	5-37
Table 5.33	Metals Constituents Review for Miramar Reservoir	
Table 5.34	Radiological Constituents Review for Miramar Reservoir	5-39
Table 5.35	Regulated Organic Constituents Review for Miramar Reservoir	5-40
Table 5.36	Unregulated Organic Constituents Review for Miramar Reservoir	5-41
Table 5.37	General/Physical Water Quality Constituents Review for	
	Miramar Water Treatment Plant	5-42
Table 5.38	Indicator Organisms and Pathogens Review for	
	Miramar Water Treatment Plant	
Table 5.39	Metals Constituents Review for Miramar Water Treatment Plant	
Table 5.40	Inorganic Constituents Review for Miramar Water Treatment Plant	
Table 5.41	Radiological Constituents Review for Miramar Water Treatment Plant	5-46
Table 5.42	Regulated Organic Constituents Review for	
	Miramar Water Treatment Plant	5-48
Table 5.43	Unregulated Organic Constituents Review for	
	Miramar Water Treatment Plant	5-49
Table 5.44	General/Physical Water Quality Constituents Review for the	
	Source Waters of the Hodges System	5-50
Table 5.45	Indicator Organisms and Pathogens Review for the	
	Source Waters of the Hodges System	
Table 5.46	Nutrients Review for the Source Waters of the Hodges System	5-52
Table 5.47	Metals Constituents Review for the	
	Source Waters of the Hodges System	5-53

Table 5.48	Regulated Organic Constituents Review for the
	Source Waters of the Hodges System5-5
Table 5.49	Unregulated Organic Constituents Review for the
	Source Waters of the Hodges System5-6
Table 6.1	Summary of Compliance Status for Alvarado, Otay and Miramar WTPs to
	Existing and Future Regulatory Requirements 6-1